

Clear Voice 1900 Cellular Repeater Kit Specifications

Clear Voice Amplifier Unit

Features:

- Downlink and uplink auto-shutdown on oscillation
- Oscillation auto-recovery
- RSSI input signal strength indicator
- Power and Alarm LED lights

Frequency Range	Downlink: 1930~1990 MHz Uplink: 1850~1910 MHz
Input Level	-48dBm Max
Output Level	+7dBm Max
Gain	55 ± 2 dB
Inband Flatness	7 dB
V.S.W.R.	1.5 : 1 Max
Uplink Noise Figure	8 dB
Delay Time	5µs Max
Connectors	Two SMA-Female
Casing	Cast aluminum
Operating Temperature	-10° to 40° C



Low-Loss Cable

Features:

- Low-Loss LMR200 Cable
- Oscillation auto-recovery
- RSSI input signal strength indicator
- Power and Alarm LED lights

Cable Type	LMR200
Color	Ivory
Connectors	SMA-Male
Length	30 feet
Total Run Attenuation	4.4 dB



Directional Patch Antenna

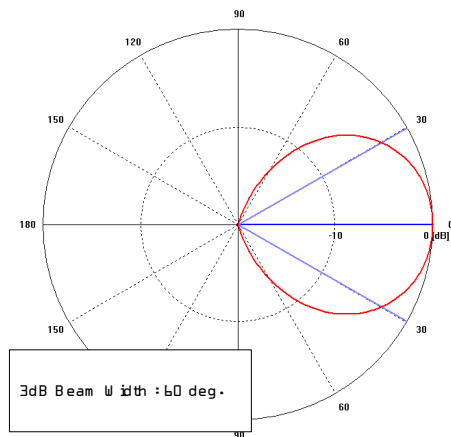
Features:

- Full mounting hardware included
- Durable plastic casing
- Designed for indoor/outdoor use

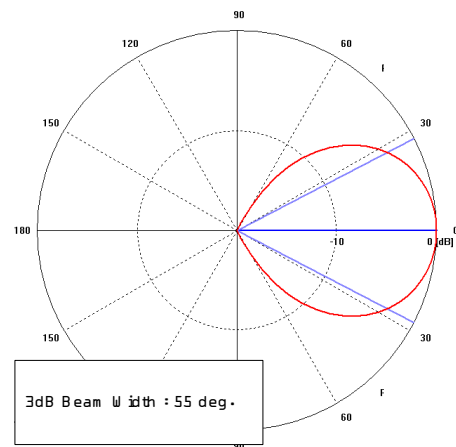
Frequency Range	1850~1990 MHz
Gain	≥ 5 dBi
Beamwidth	Horizontal: 60° Vertical: 55°
Polarization	Vertical
Connector Type	SMA-Male
Maximum Input Power	5 Watts
Impedance	50 Ω
Mechanical Tilt	Up/down, left/right
Connector	Two SMA-Female
Casing	Cast aluminum
Operating Temperature	-10° to 40° C



Horizontal Beam Pattern



Vertical Beam Pattern



Omnidirectional Rebroadcast Antenna

Frequency Range	1850~1990 MHz
Gain	≥ 3 dBi
Connector	SMA-Female



AC Adapter

Used to power Clear Voice Amplifier Unit

Input	AC 100-250 V, 50-60 Hz
DC Output Voltage	7.5 V
Input Current (Max)	0.5 A
Output Current (Max)	2.4 A
Cord Length	8 feet

